

#### LIMITED ONE YEAR WARRANTY

Chaney Instrument Company warrants that all products it manufactures to be of good material and workmanship and to be free of defects if properly installed and operated for a period of one year from date of purchase. REMEDY FOR BREACH OF THIS WARRANTY IS EXPRESSLY LIMITED TO REPAIR OR REPLACEMENT OF DEFECTIVE ITEMS. Any product which, under normal use and service, is proven to breach the warranty contained herein within ONE YEAR from date of sale will, upon examination by Chaney, and at its sole option, be repaired or replaced by Chaney. In all cases, transportation costs and charges for returned goods shall be paid for by the purchaser. Chaney hereby disclaims all responsibility for such transportation costs and charges. This warranty will not be breached, and Chaney will give no credit for products it manufactures which shall have received normal wear and tear, been damaged, tampered, abused, improperly installed, damaged in shipping, or repaired or altered by others than authorized representatives of Chaney.

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#### For in-warranty repair, please contact:

Customer Care Department  
Chaney Instrument Co.  
965 Wells Street  
Lake Geneva, WI 53147

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- 1- This device may NOT cause harmful interference, and
- 2- This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, There is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

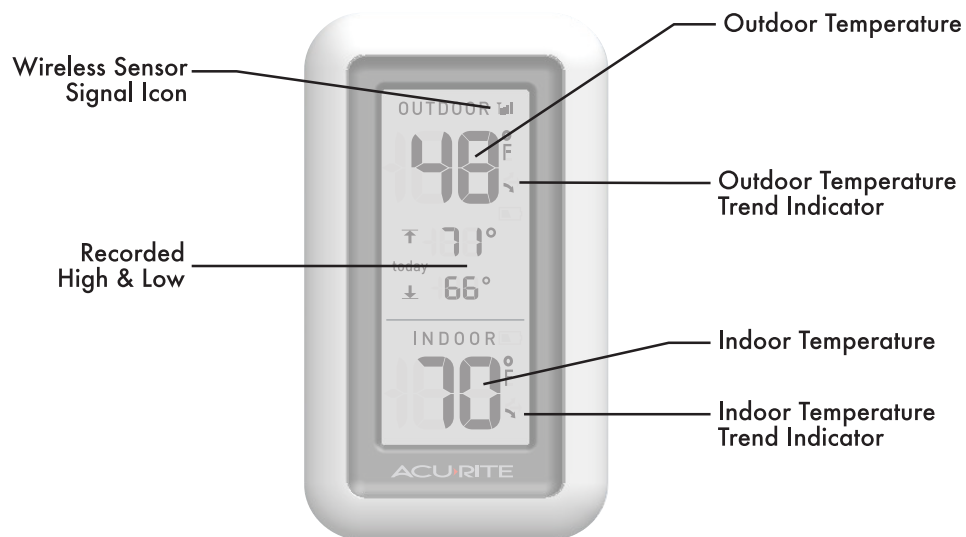
# ACURITE®



## Thermometer

model #00522

## Instruction Manual



## SETUP

## Battery Choice & Temperature Range

Extended periods of cold temperatures ( below -4°F / -20°C ) can cause alkaline batteries to function improperly. This will cause the outdoor sensor to stop transmitting temperature readings. Use lithium batteries in low temperature conditions to ensure continued operation for sensors placed outdoors. NOTE: Rechargeable batteries are not recommended due to higher operating voltages.

<b>LITHIUM BATTERIES</b>	<b>-40°F</b> (~-40°C)	(70°C)	<b>158°F</b>
<b>ALKALINE BATTERIES</b>	<b>-4°F</b> (~-20°C)	(70°C)	<b>158°F</b>

## SETUP

## Install Batteries - Wireless Sensor

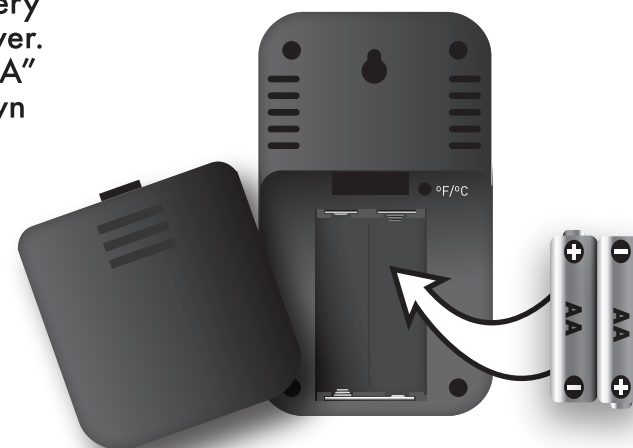
Remove the battery compartment cover. Install 2 fresh "AA" batteries as shown here.

**BATTERIES MUST BE INSTALLED FOR THE SENSOR TO OPERATE.**



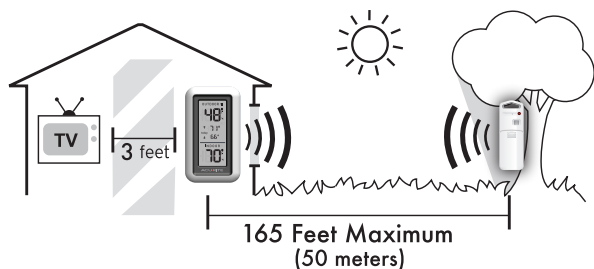
## Install Batteries - Display Console

Remove the battery compartment cover. Install 2 fresh "AA" batteries as shown here.



Now that setup is complete, you must choose a location to place the sensor and display unit. The sensor **MUST** be placed less than 165 feet (50 m) away from the display unit.

This wireless thermometer uses radio frequency for communication, which is susceptible to interference from other electronic devices and large metallic items or thick walls. Place both units at least 3 feet (.91 m) away from appliances (TV, microwave, radios, etc.) or objects (large metal surfaces, thick stone walls, etc.) that may interfere with the wireless communication.



## Placement of Display Unit

Place the display unit in a dry area free of dirt and dust. To help ensure an accurate indoor temperature measurement, be sure to place the display unit out of direct sunlight, and away from heat sources or vents in your home.

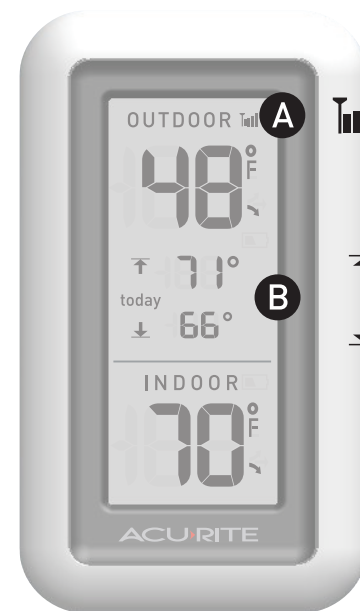
There are 2 placement options for the display unit. You may hang the display unit on a wall using the integrated hang hole. Alternatively, the display unit stands upright for table top use.

## Sensor Placement

The sensor **MUST BE PLACED OUTDOORS** to observe outdoor temperature. The sensor must be placed less than 165 feet (50 m) from the display unit.

The sensor is water **resistant** and is designed for general outdoor use. However, to extend the life of the product place the sensor in an area protected from direct weather elements. To ensure an accurate outdoor temperature measurement, be sure the sensor is placed out of direct sunlight and away from heat sources.

There are 2 placement options for the sensor. You may hang it on a wall using one of the two integrated hang holes, or use string (not included) to hang it from a suitable location, such as a well covered tree branch.



↑ = HIGH record

↓ = LOW record

## A WIRELESS SIGNAL RECEPTION ICON

The display unit has a signal reception icon near the outdoor temperature display area. If there are a low number of "bars" present, you may experience no temperature display ( "- - " ) or inaccuracy. If you are experiencing reception issues, refer to the troubleshooting section on page 6.

SEARCHING  
FOR SIGNAL



(animated bars)

SIGNAL RECEPTION



LOW



HIGH



NO SIGNAL  
RECEPTION



(flashing tower)

## B DAILY LOW & HIGH TEMPERATURE RECORDS

The LOW and HIGH records are reset every 24 hours. The exact time in which the records reset is determined by when batteries were installed and the unit was powered on. For example, if you install batteries at 6:00 P.M. the records will clear every day at approximately 6:00 P.M.

Problem	Possible Solution(s)
<p><b>Low or NO Wireless Sensor Reception</b></p>  <p><b>low reception</b></p>  <p><b>NO reception</b> no bars and flashing "- -" temperature data</p>	<p>Relocate the display console and/or the sensor. Both units must be within 165 feet (50 meters) from each other. Make sure both units are placed at least 3 feet (.91 m) from other electronic appliances and devices that may interfere with the wireless communication (such as TV's, microwaves, computers etc). NOTE: It may take up to 20 minutes for the display console to re-synchronize with the sensor when batteries are replaced.</p> <p>Use lithium batteries in sensor when temperature is below -4°F (-20°C).</p>
<p><b>Display Console Screen Not Working</b></p>	<p>Batteries may need replacing. Check that batteries are correctly installed. Reset the display unit and sensor by removing the batteries and re-installing them.</p>



[www.AcuRite.com](http://www.AcuRite.com)



(877) 221-1252

## IMPORTANT NOTICE

YOUR PRODUCT MUST BE REGISTERED TO RECEIVE WARRANTY SERVICE

### PRODUCT REGISTRATION

To receive product updates and information, Go to

**[www.AcuRite.com](http://www.AcuRite.com)**

#### SUPPORT

Support Forum

Archived Products

▶ Register a Product

Have questions about product setup or operation? We're here to help!

**24/7 Support:** [www.acurite.com](http://www.acurite.com)

- ▶ Product Setup & Demo Videos
- ▶ Product Manuals
- ▶ Frequently Asked Questions
- ▶ Register your Product
- ▶ Support Forum
- ▶ Submit Feedback & Ideas

## Product Facts

Batteries: 4 x "AA" (not included)

Lithium Batteries Recommended in **Outdoor Sensor** if temperatures are below -4°F

### Measurement Ranges

Outdoor Temperature : -40°F to 158°F  
-40°C 70°C

Indoor Temperature : 32°F to 122°F  
0°C 50°C

**Wireless Range :** 165 ft / 50 m MAX

Limited One Year Warranty

**MADE IN CHINA**

**[www.AcuRite.com](http://www.AcuRite.com)**

Patent numbers:

5,978,738; 6,076,044; 6,597,990; US 7,637,141 B2

ACURITE® is a registered trademark of

Chaney Instrument Co. Lake Geneva, WI 53147

**PLEASE DISPOSE OF OLD OR DEFECTIVE BATTERIES IN AN ENVIRONMENTALLY SAFE WAY AND IN ACCORDANCE WITH YOUR LOCAL LAWS AND REGULATIONS.**

**BATTERY SAFETY:** Clean the battery contacts and also those of the device prior to battery installation. Remove batteries from equipment which is not to be used for an extended period of time. Follow the polarity (+/-) diagram in the battery compartment. Promptly remove dead batteries from the device. Dispose of used batteries properly. Only batteries of the same or equivalent type as recommended are to be used. DO NOT incinerate used batteries. DO NOT dispose of batteries in fire, as batteries may explode or leak. DO NOT mix old and new batteries or types of batteries (alkaline/standard). DO NOT use rechargeable batteries. DO NOT recharge non-rechargeable batteries. DO NOT short-circuit the supply terminals.